

BELAM THYROID STUDY

Tasks and milestones for the first quarter (01.04.99-30.06.99)

Task No. 1: The management and administration of the BelAm Thyroid Study.

- Milestone 1: Weekly meetings with the group leaders to discuss the progress of the Project, and their reflection in the minutes.
- Milestone 2: Administrative support of cohort establishment to supply access to various informational sources, especially sources of address information.
- Milestone 3: Coordination between Belarus and U.S. participants with respect to all activities of the Project.
- Milestone 4: Prepare materials for publication in newspapers and radio broadcasting aimed at Project promotion in mass media
- Milestone 5: Training of specialists from Gomel Screening Center

Task No. 2: The establishment of the cohort of subjects for study.

- Milestone 6: Work to locate provisional cohort of 15,000 and select at least 1,000 accessible to the Minsk Dispensary and to the mobile team
- Milestone 7: Determine current addresses of cohort members for whom letters had been sent and who did not respond.
- Milestone 8: Determine the location of geographical areas with great number of people with identified current addresses for possible examination by mobile teams.
- Milestone 9: Continue creating initial data base of exposed "in utero".
- Milestone 10: Determine current addresses of cohort subjects involved in to the study following second examination.
- Milestone 11: Establish groups of cohort subjects to be screened by Gomel Screening Center.

Task No. 3: The invitation and scheduling of subjects for endocrinologic examination.

- Milestone 12: Preparation of the letters of invitation, software, and procedures for inviting and scheduling subjects for examination.

Task No. 4: The endocrinologic examination of subjects, including subsequent diagnostic procedures leading to the establishment of the final pathologic diagnosis.

- Milestone 13: Screening up to 600 subjects in Minsk Dispensary, including the laboratory laboratory activity for collecting and processing of blood and urine samples.
- Milestone 14: Clinical examination and verification of diagnosis in patients with revealed pathology.
- Milestone 15: Conduct the cytological and pathomorphological aspects of the Project.
- Milestone 16: Expert support of screening activities.
- Milestone 17: Cooperation with mass media in order to inform population about Project activity and invite subjects to examination

Task No. 5: Operational Manual and Project Forms.

- Milestone 18: Updating of the Operational Manual and study forms.
- Milestone 19: Development of instructions for filling in and data entry of epidemiological, screening, laboratory, and hospitalization forms.
- Milestone 20: Development of quality assurance manual.

Task No. 6: Data Management.

- Milestone 21: Design of part of data entry software for epidemiological, screening and hospitalization information.

- Milestone 22: Data entry of epidemiological, screening, laboratory, and hospitalization forms. Maintain epidemiological, screening, laboratory, and hospitalization data bases
- Milestone 23: Transfer to the DCC file server the data, entered in local computers of the screening center and central laboratory, and quality control of these data.
- Milestone 24: Design software for quality assurance of screening, epidemiological, and laboratory data.
- Milestone 25: Design a part of the query software for the epidemiological, screening and hospitalization data.
- Milestone 26: Analysis of the results and preparation some progress and quality assurance reports on the cohort selection, scheduling of screening exams, subject flow through exams and data entry.
- Milestone 27: Design of image processing procedures, and data base of thyroid images.

Task No. 7: The estimation of individual thyroid doses for members of the cohort.

- Milestone 28: Conduct personal interviews for all subjects screened in the Project. Quality control of interview.
- Milestone 29: Enter to the data base information from the interviews. Quality control of data entry.
- Milestone 30: Dose calculation for 1000 subjects on the base of direct measurements and data of individual interview. Prepare diagrams reflecting dose distribution in each dose range (0-0,3; 0,3-1; >1 Gy) by rajons. Quality control.
- Milestone 31: Study by means of Monte-Carlo method the effect subjects' external contamination to DP-5 and SRP 68-01. Part1: Design models for modeling surface contamination of human body.
- Milestone 32. Prepare abstracts and reports for Bi-National Advisory Group meeting (Minsk, May), to the meeting with Ukranian dosimetrists.
- Milestone 33: Design together with DCC administrative guide for dosimetry data base